

CDPH&E Silverthorne Stakeholder Meeting



Date: February 18, 2016; 8am-1pm

Location: North Branch Library, 651 Center Circle, Silverthorne

Number Attending: 24 plus 2 representatives from CDPH&E, and 2 representatives from Skumatz Economic Research Associates, Inc. (SERA); Facilitated by Lisa Skumatz, SERA.

Communities Represented: Counties, Garfield, Summit, Lake, Gunnison, Routt, Chaffee, Denver, Eagle; City / Town of Glenwood Springs, Eagle, Breckenridge, Wolcott, Dillon, Silverthorne, Steamboat Springs, Gunnison, Avon, Leadville, Frisco, Salida, Denver, Vail.

Sectors Represented: City officials / SWM staff. Hauler / collector. Non-profit involved in recycling and sustainability education. Disposal facility owners / operators. County officials / SWM staff. MRF owners / operators. Businesses involved in recycling or materials management. Consultants. State agencies. Planning agency / regional groups. Regulators. Restaurant Owners.

Overview: This group was fairly large and worked collaboratively to find common solutions. Comments were made on the noticeable lack of more public officials. Issues centered on transportation costs, development of compost programs, and a debate over including glass in single stream collection services. Stakeholders from this meeting were very interested in regionalization of processing facilities (not landfills) and sharing of resources. There were no complaints regarding CDPHE regulations, but most people expressed sympathy for the difficult economics of recycling in the Silverthorne region.

Voting Overview: According to the attending voters, the current disposal system is working fairly, with a weighted average of 3.57 (1-5 scale; 5= very well), but still has room for improvement. Fewer thought the diversion system is working well with a weighted average of 3 for recycling, and only 2.23 for organics. For recycling, education with basic ordinances and an enhanced drop-off facility were seen as the options having the most potential in this area. Followed closely by a residential PAYT program with bundled recycling, and a commercial PAYT program with embedded recycling. Education on back yard composting (BYC) was by far the option selected with the most potential for improving organics diversion. There was a two-way tie for second between a lower tip fee than trash at facility, and leaf/specialty organics events.

1 Skumatz Economic Research Associates, Inc (SERA)

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CDPH&E ISWMM Plan Meetings

Regarding what to do with non-adequate landfills, the most common response was to close some, but leave others open as landfills based on their location. The second most common response was to change some landfills to transfer station.

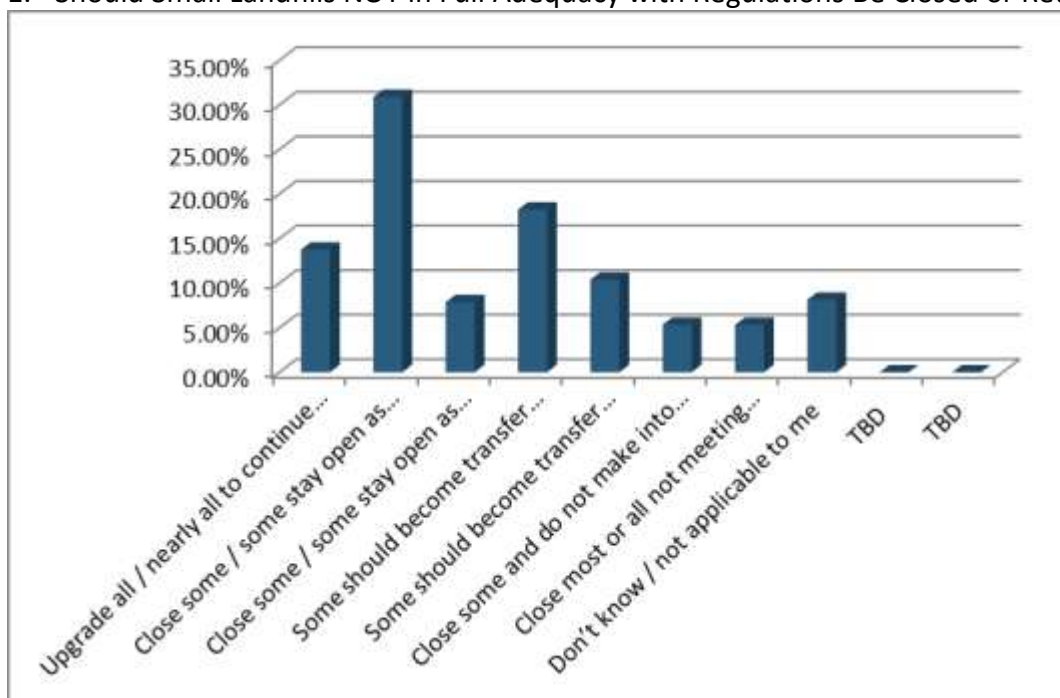
Select Voting Results

Figure 1. How well the disposal and recycling systems in the area are working now?

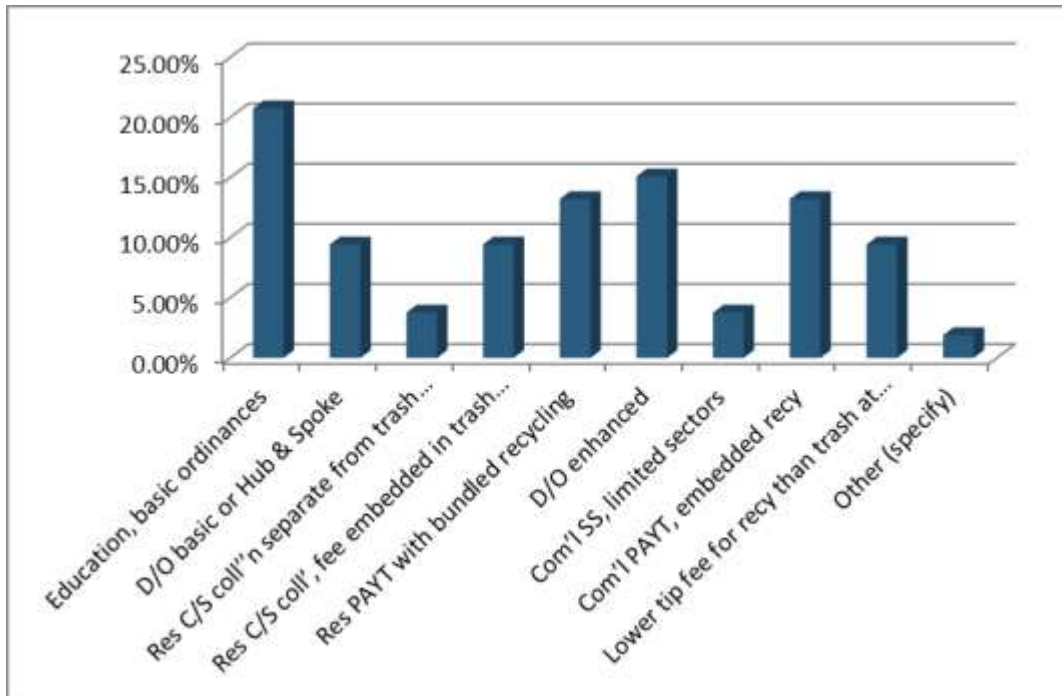
	Average score (1=not well at all; 5=working very well considering our area)	Percent responding don't know.
Disposal System	3.57	4.55%
Recycling / Composting system	3 / 2.23	0% / 4.35%

Responses to two questions were key as inputs to the work on the Integrated Materials Management Plan. The responses – regarding region-specific preferred options for non-compliance landfills, and recycling options with potential, are provided below. Additional voting responses are provided in Appendix 1.

1. Should Small Landfills NOT in Full Adequacy with Regulations Be Closed or Retrofitted?



2. Which Recycling Options Have the Most Potential in Your Area?



Appendix 1 provides the results of each of the “voting” questions posed during the stakeholder meeting. Appendix 2 provides highlights of the group table work sessions.

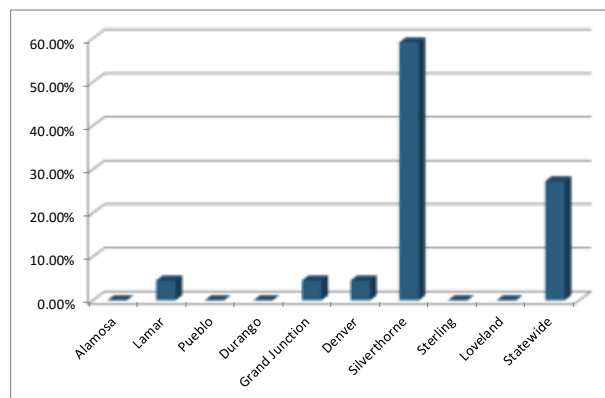
APPENDIX 1 –

CDPH&E Materials Management Stakeholders Meeting

Silverthorne Voting Results

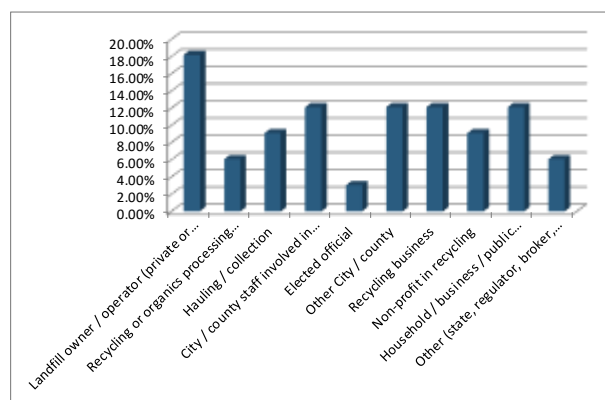
2. FEEDBACK 1A – Which area do you know the most about? (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Alamosa	0.00%	0
Lamar	4.55%	1
Pueblo	0.00%	0
Durango	0.00%	0
Grand Junction	4.55%	1
Denver	4.55%	1
Silverthorne	59.09%	13
Sterling	0.00%	0
Loveland	0.00%	0
Statewide	27.27%	6
Totals	100%	22



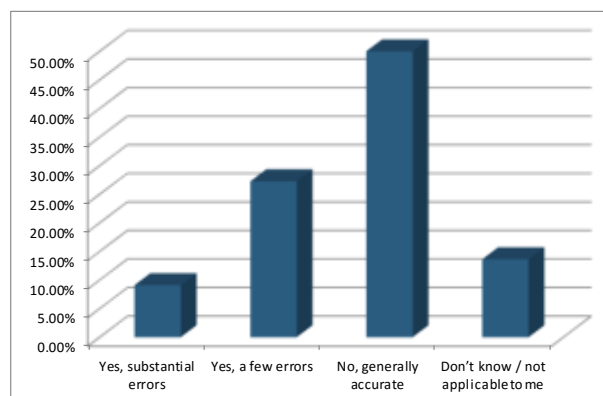
3. FEEDBACK 1B – Who is in the room? –Your PRIMARY SW responsibilities... (up to 2) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Landfill owner / operator (private or city/county)	18.18%	6
Recycling or organics processing facility owner /operator	6.06%	2
Hauling / collection	9.09%	3
City / county staff involved in recycling / planning	12.12%	4
Elected official	3.03%	1
Other City / county	12.12%	4
Recycling business	12.12%	4
Non-profit in recycling	9.09%	3
Household / business / public "generator"	12.12%	4
Other (state, regulator, broker, clerks, consultant, other)	6.06%	2
Totals	100%	33



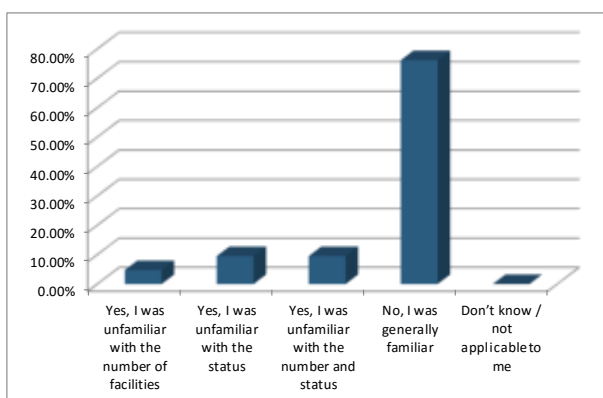
4. FEEDBACK 2 – Looking at LF MAP... Do you think the information on the map has errors? Correct errors in map at table / leave it behind with notes (Multiple Choice)

	Responses	
	Percent	Count
Yes, substantial errors	9.09%	2
Yes, a few errors	27.27%	6
No, generally accurate	50.00%	11
Don't know / not applicable to me	13.64%	3
Totals	100%	22



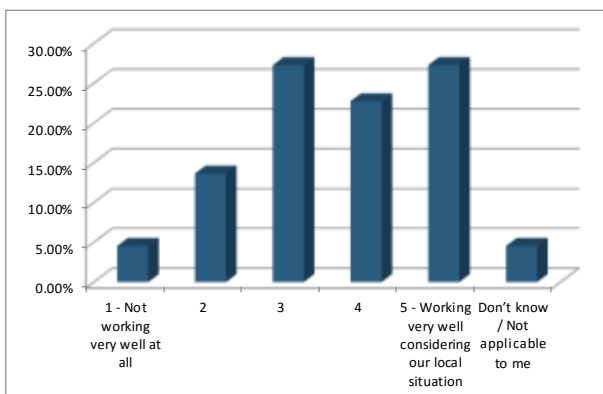
5. FEEDBACK 3 – Looking at LF MAP... Was the content of the LF map news to you / a surprise? (Multiple Choice)

	Responses	
	Percent	Count
Yes, I was unfamiliar with the number of facilities	4.76%	1
Yes, I was unfamiliar with the status	9.52%	2
Yes, I was unfamiliar with the number and status	9.52%	2
No, I was generally familiar	76.19%	16
Don't know / not applicable to me	0.00%	0
Totals	100%	21



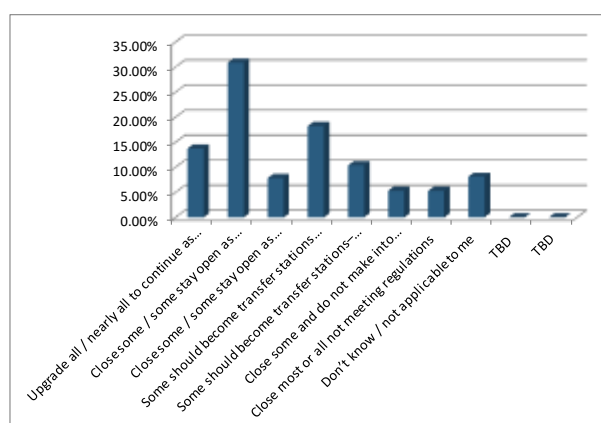
6. FEEDBACK 4 – Looking at LF MAP... How well is the current disposal system working? (Multiple Choice)

	Responses	
	Percent	Count
1 - Not working very well at all	4.55%	1
2	13.64%	3
3	27.27%	6
4	22.73%	5
5 - Working very well considering our local situation	27.27%	6
Don't know / Not applicable to me	4.55%	1
Totals	100%	22



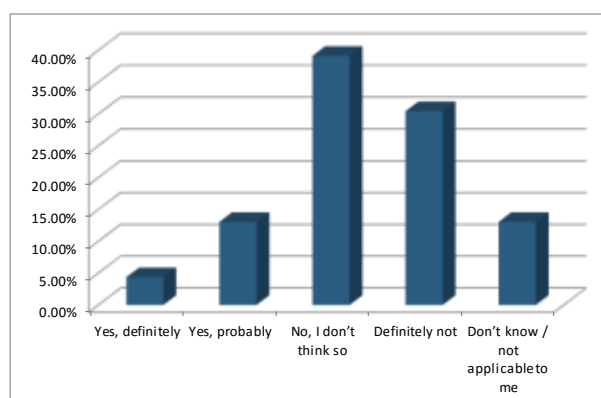
7. FEEDBACK 5 – Thinking about the landfills in your area... Should small landfills not in full adequacy with regulations be closed or retrofitted? (Up to 2 in order) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Upgrade all / nearly all to continue as operating landfills	13.76%	49
Close some / some stay open as landfills – choose which based mostly on location / convenience / access	30.90%	110
Close some / some stay open as landfills – choose which based mostly on cost	7.87%	28
Some should become transfer stations – choose which based mostly on location / convenience / access	18.26%	65
Some should become transfer stations– choose which based mostly on cost	10.39%	37
Close some and do not make into transfer stations	5.34%	19
Close most or all not meeting regulations	5.34%	19
Don't know / not applicable to me	8.15%	29
TBD	0.00%	0
TBD	0.00%	0
Totals	100%	356



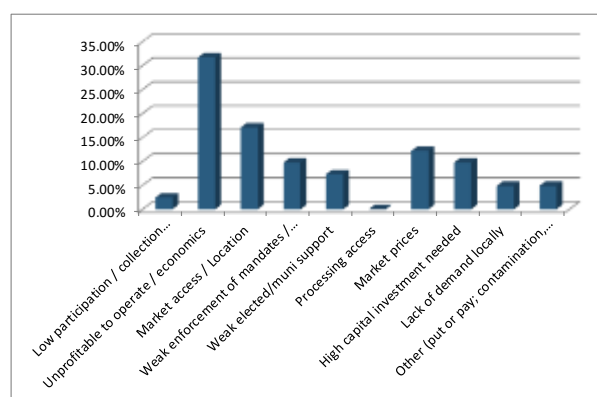
8. FEEDBACK 6 – Thinking about the landfills in your area... Would regionalization of landfilling make sense in your area? (Multiple Choice)

	Responses	
	Percent	Count
Yes, definitely	4.35%	1
Yes, probably	13.04%	3
No, I don't think so	39.13%	9
Definitely not	30.43%	7
Don't know / not applicable to me	13.04%	3
Totals	100%	23



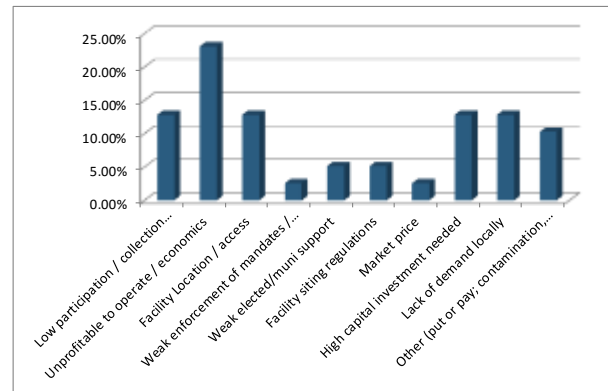
9. FEEDBACK 7A – RecyclingBarriers to more recycling (2 most important) Other barriers – write in your “leave-behind” notebook (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Low participation / collection program weaknesses/lack of supply	2.44%	1
Unprofitable to operate / economics	31.71%	13
Market access / Location	17.07%	7
Weak enforcement of mandates / regulations	9.76%	4
Weak elected/muni support	7.32%	3
Processing access	0.00%	0
Market prices	12.20%	5
High capital investment needed	9.76%	4
Lack of demand locally	4.88%	2
Other (put or pay; contamination, permit issues, understanding of technology)	4.88%	2
Totals	100%	41



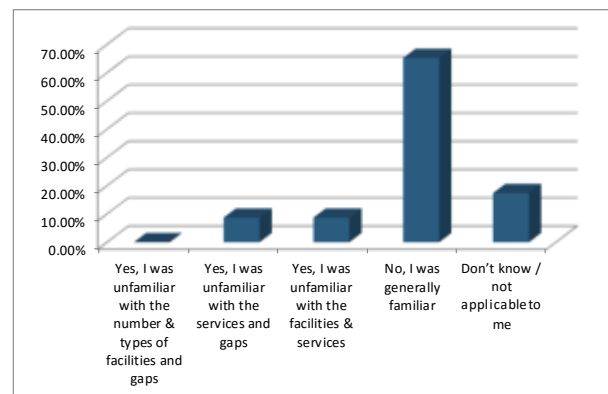
10. FEEDBACK 7B – Composting Barriers to more composting (2 most important) Other barriers – write in your “leave-behind” notebook (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Low participation / collection program weaknesses/lack of supply	12.82%	5
Unprofitable to operate / economics	23.08%	9
Facility Location / access	12.82%	5
Weak enforcement of mandates / regulations	2.56%	1
Weak elected/muni support	5.13%	2
Facility siting regulations	5.13%	2
Market price	2.56%	1
High capital investment needed	12.82%	5
Lack of demand locally	12.82%	5
Other (put or pay; contamination, permit issues, other)	10.26%	4
Totals	100%	39



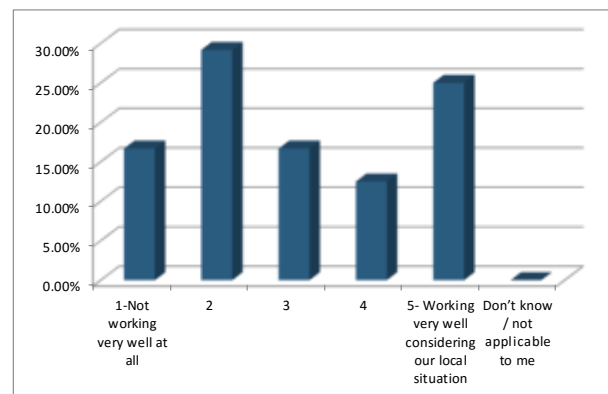
12. FEEDBACK 9 – Looking at all facilities map - Was the content of the DIVERSION information news to you / a surprise? (Multiple Choice)

	Responses	
	Percent	Count
Yes, I was unfamiliar with the number & types of facilities and gaps	0.00%	0
Yes, I was unfamiliar with the services and gaps	8.70%	2
Yes, I was unfamiliar with the facilities & services	8.70%	2
No, I was generally familiar	65.22%	15
Don't know / not applicable to me	17.39%	4
Totals	100%	23



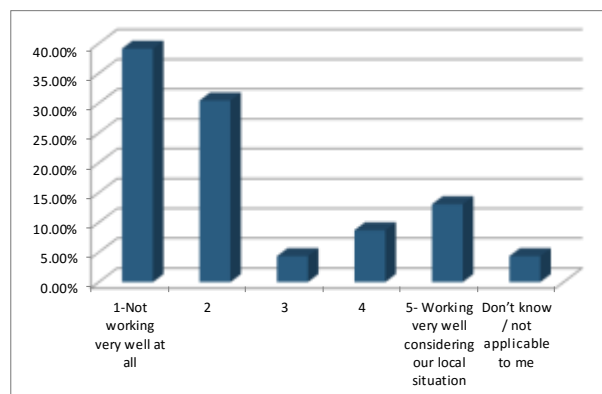
13. FEEDBACK 9B – Looking at all facilities map... How well is the current RECYCLING DIVERSION system working? (Multiple Choice)

	Responses	
	Percent	Count
1-Not working very well at all	16.67%	4
2	29.17%	7
3	16.67%	4
4	12.50%	3
5- Working very well considering our local situation	25.00%	6
Don't know / not applicable to me	0.00%	0
Totals	100%	24



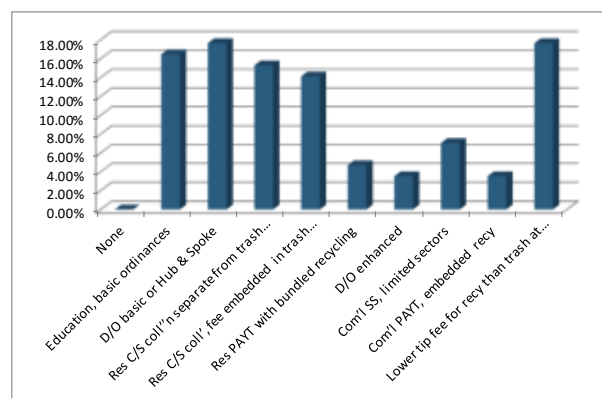
14. FEEDBACK 9C – Looking at all facilities map... How well is the current ORGANICS DIVERSION system working? (Multiple Choice)

Responses		
	Percent	Count
1-Not working very well at all	39.13%	9
2	30.43%	7
3	4.35%	1
4	8.70%	2
5- Working very well considering our local situation	13.04%	3
Don't know / not applicable to me	4.35%	1
Totals	100%	23



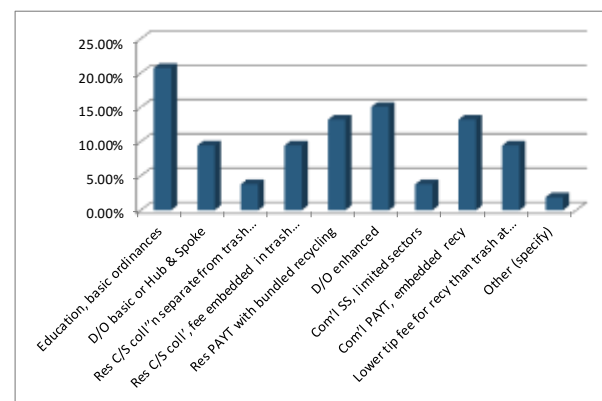
15. FEEDBACK 10A: Which Recy Options Are In Place In Your Area? (Check all that Apply) (Priority Ranking)

Responses		
	Percent	Weighted Count
None	0.00%	0
Education, basic ordinances	16.47%	14
D/O basic or Hub & Spoke	17.65%	15
Res C/S coll'n separate from trash (for a fee; voluntary)	15.29%	13
Res C/S coll', fee embedded in trash bill	14.12%	12
Res PAYT with bundled recycling	4.71%	4
D/O enhanced	3.53%	3
Com'l SS, limited sectors	7.06%	6
Com'l PAYT, embedded recy	3.53%	3
Lower tip fee for recy than trash at Landfill or Recycling facility	17.65%	15
Totals	100%	85



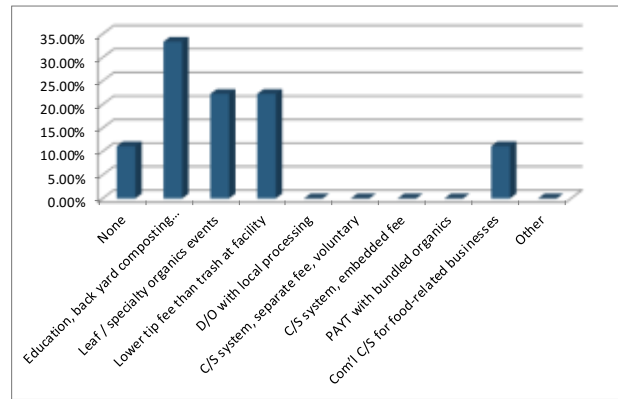
16. FEEDBACK 11A: Which Recy Options Have Potential in your Area? (Check up to 3) (Priority Ranking)

Responses		
	Percent	Weighted Count
Education, basic ordinances	20.75%	11
D/O basic or Hub & Spoke	9.43%	5
Res C/S coll'n separate from trash (for a fee; voluntary)	3.77%	2
Res C/S coll', fee embedded in trash bill	9.43%	5
Res PAYT with bundled recycling	13.21%	7
D/O enhanced	15.09%	8
Com'l SS, limited sectors	3.77%	2
Com'l PAYT, embedded recy	13.21%	7
Lower tip fee for recy than trash at Landfill or Recycling facility	9.43%	5
Other (specify)	1.89%	1
Totals	100%	53



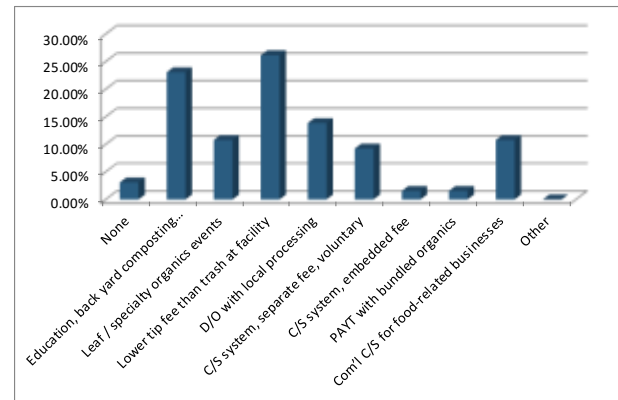
17. FEEDBACK 11B: Which Organics Options Have Potential in Your Area? (mark up to 3) (Priority Ranking)

	Responses	
	Percent	Weighted Count
None	11.11%	1
Education, back yard composting (BYC)	33.33%	3
Leaf / specialty organics events	22.22%	2
Lower tip fee than trash at facility	22.22%	2
D/O with local processing	0.00%	0
C/S system, separate fee, voluntary	0.00%	0
C/S system, embedded fee	0.00%	0
PAYT with bundled organics	0.00%	0
Com'l C/S for food-related businesses	11.11%	1
Other	0.00%	0
Totals	100%	9



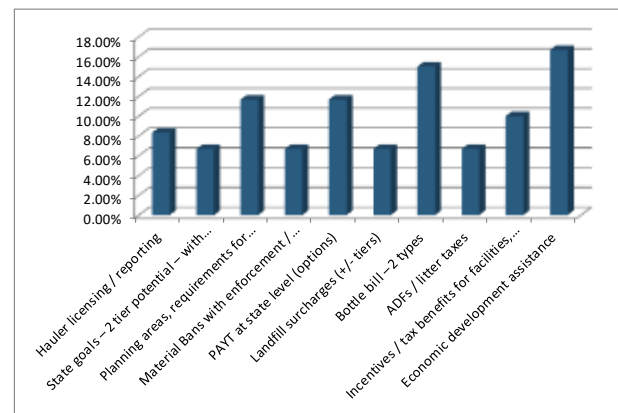
18. FEEDBACK 10B: Which Organics Options Are In Place In Your Area? (mark all that apply) (Priority Ranking)

	Responses	
	Percent	Weighted Count
None	3.08%	2
Education, back yard composting (BYC)	23.08%	15
Leaf / specialty organics events	10.77%	7
Lower tip fee than trash at facility	26.15%	17
D/O with local processing	13.85%	9
C/S system, separate fee, voluntary	9.23%	6
C/S system, embedded fee	1.54%	1
PAYT with bundled organics	1.54%	1
Com'l C/S for food-related businesses	10.77%	7
Other	0.00%	0
Totals	100%	65



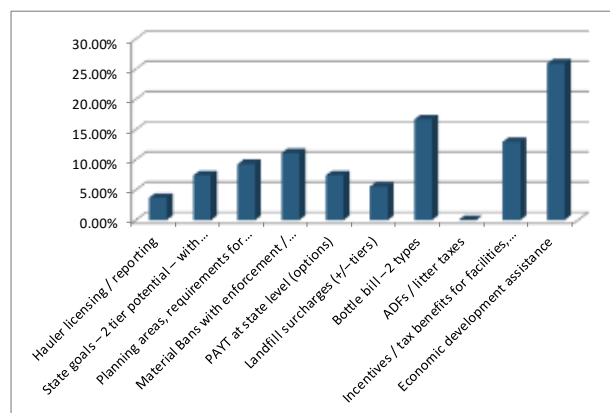
19. FEEDBACK 13A – Strategies best suited to WORK for your area – (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Hauler licensing / reporting	8.33%	5
State goals – 2 tier potential – with measurement	6.67%	4
Planning areas, requirements for plans with authorization for funding; LF assist; Enforcement & measurement	11.67%	7
Material Bans with enforcement / inspection	6.67%	4
PAYT at state level (options)	11.67%	7
Landfill surcharges (+/- tiers)	6.67%	4
Bottle bill – 2 types	15.00%	9
ADFs / litter taxes	6.67%	4
Incentives / tax benefits for facilities, for co-location	10.00%	6
Economic development assistance	16.67%	10
Totals	100%	60



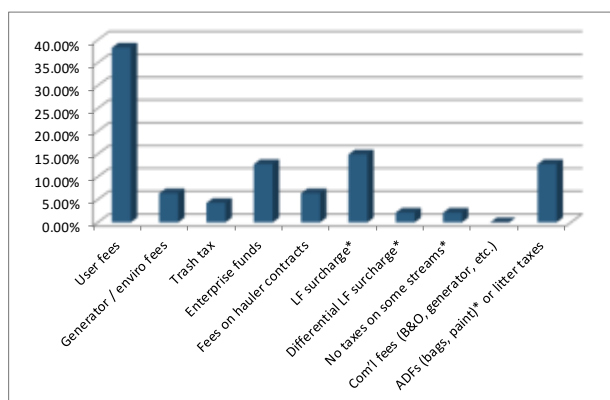
20. FEEDBACK 14A– Strategies most likely to get SUPPORT in your area – (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
Hauler licensing / reporting	3.70%	2
State goals – 2 tier potential – with measurement	7.41%	4
Planning areas, requirements for plans with authorization for funding; LF assist; Enforcement & measurement	9.26%	5
Material Bans with enforcement / inspection	11.11%	6
PAYT at state level (options)	7.41%	4
Landfill surcharges (+/- tiers)	5.56%	3
Bottle bill – 2 types	16.67%	9
ADFs / litter taxes	0.00%	0
Incentives / tax benefits for facilities, for co-location	12.96%	7
Economic development assistance	25.93%	14
Totals	100%	54



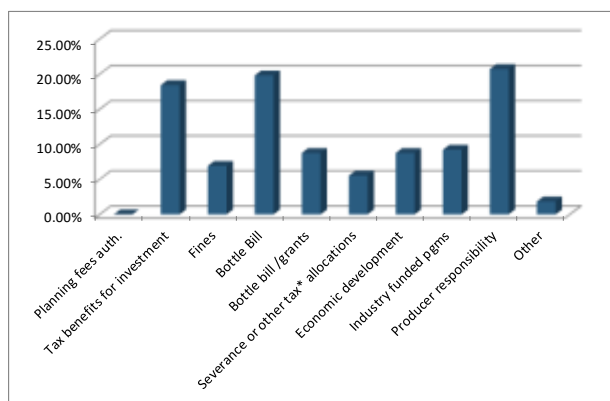
21. FEEDBACK 15A – Funding Options already in place locally (vote for 3) (Multiple Choice - Multiple Response)

	Responses	
	Percent	Count
User fees	38.30%	18
Generator / enviro fees	6.38%	3
Trash tax	4.26%	2
Enterprise funds	12.77%	6
Fees on hauler contracts	6.38%	3
LF surcharge*	14.89%	7
Differential LF surcharge*	2.13%	1
No taxes on some streams*	2.13%	1
Com'l fees (B&O, generator, etc.)	0.00%	0
ADFs (bags, paint)* or litter taxes	12.77%	6
Totals	100%	47



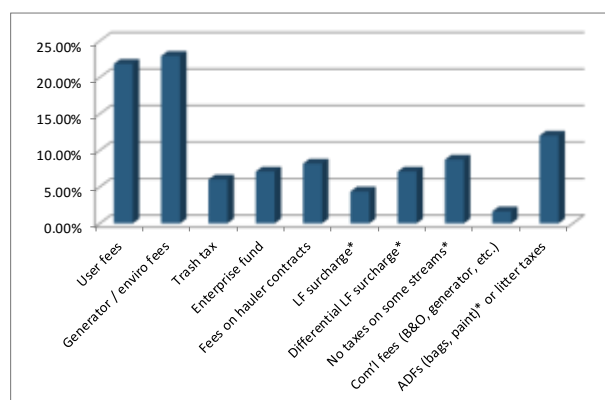
22. FEEDBACK 17A– Other funding options you'd be in favor of (up to 3 in order of support) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Planning fees auth.	0.00%	0
Tax benefits for investment	18.43%	40
Fines	6.91%	15
Bottle Bill	19.82%	43
Bottle bill /grants	8.76%	19
Severance or other tax* allocations	5.53%	12
Economic development	8.76%	19
Industry funded pgms	9.22%	20
Producer responsibility	20.74%	45
Other	1.84%	4
Totals	100%	217



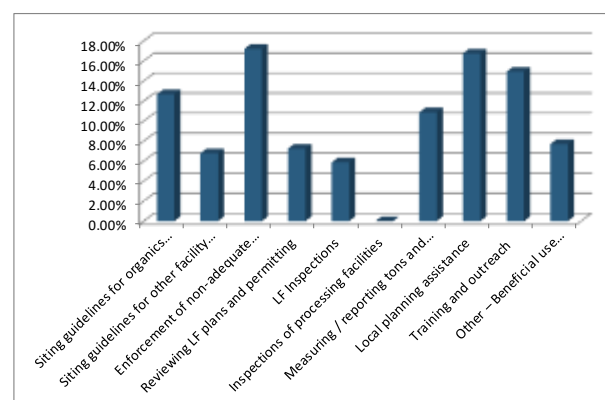
23. FEEDBACK 16A – Most likely “Next” local funding options to get SUPPORT (up to 3 in order of support) (Priority Ranking)

	Responses	
	Percent	Weighted Count
User fees	21.86%	40
Generator / enviro fees	22.95%	42
Trash tax	6.01%	11
Enterprise fund	7.10%	13
Fees on hauler contracts	8.20%	15
LF surcharge*	4.37%	8
Differential LF surcharge*	7.10%	13
No taxes on some streams*	8.74%	16
Com'l fees (B&O, generator, etc.)	1.64%	3
ADFs (bags, paint)* or litter taxes	12.02%	22
Totals	100%	183



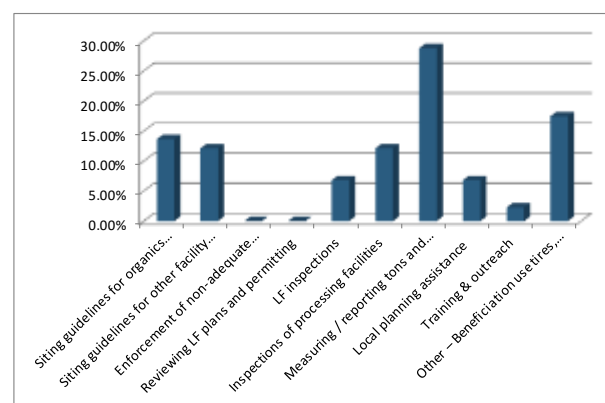
24. FEEDBACK 18 –What are the top 3 things you think the state should do MORE of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	12.67%	28
Siting guidelines for other facility types	6.79%	15
Enforcement of non-adequate landfills	17.19%	38
Reviewing LF plans and permitting	7.24%	16
LF Inspections	5.88%	13
Inspections of processing facilities	0.00%	0
Measuring / reporting tons and activities	10.86%	24
Local planning assistance	16.74%	37
Training and outreach	14.93%	33
Other – Beneficial use permit/oversi;tires,paint, pharma, HHW	7.69%	17
Totals	100%	221



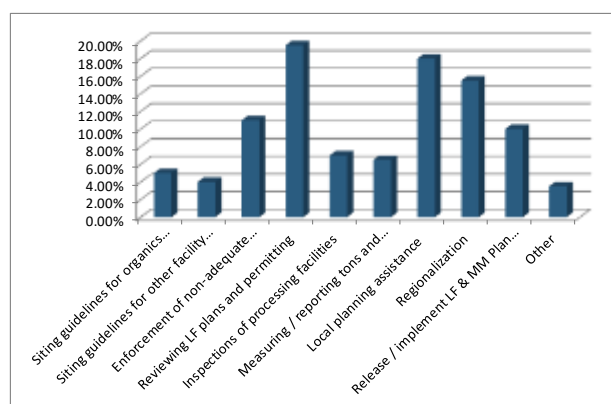
25. FEEDBACK 19 –What are the top 3 things you think the state should do LESS of? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	13.64%	18
Siting guidelines for other facility types	12.12%	16
Enforcement of non-adequate landfills	0.00%	0
Reviewing LF plans and permitting	0.00%	0
LF inspections	6.82%	9
Inspections of processing facilities	12.12%	16
Measuring / reporting tons and activities	28.79%	38
Local planning assistance	6.82%	9
Training & outreach	2.27%	3
Other – Beneficiation use tires, paint, pharma, HHW	17.42%	23
Totals	100%	132



26. FEEDBACK 20 –What are the top 3 things you think the state should do SOON? – (Click 3 answers in ORDER most important to least) (Priority Ranking)

	Responses	
	Percent	Weighted Count
Siting guidelines for organics clarified / released	5.00%	10
Siting guidelines for other facility types	4.00%	8
Enforcement of non-adequate landfills	11.00%	22
Reviewing LF plans and permitting	19.50%	39
Inspections of processing facilities	7.00%	14
Measuring / reporting tons and activities	6.50%	13
Local planning assistance	18.00%	36
Regionalization	15.50%	31
Release / implement LF & MM Plan & regs / funding	10.00%	20
Other	3.50%	7
Totals	100%	200



CDPH&E Material Management -APPENDIX 2

GROUP TABLE WORK SESSION: NOTES

Silverthorne

What's working:

- General Waste Management Infrastructure
- Eagle County MRF
- Summit County Compost (Commercial)
- Electronics and HHW collection
- Routt curbside recycling
- Grinding cardboard into compost
- Septic Collection in Glenwood

Missing / changed / barriers:

- Compost facility / program in Eagle County
- Glass processing
- Public access to recycling
- Clean waste stream (i.e. there are high levels of contamination)
- Understanding of true costs
- Consistent recycling guidelines
- Visitor participation (temporary residents)
- Transportation costs

Resources/successes in your area:

- Education
- Infrastructure (although still room for improvement)
- Composting in Summit County
- Partnerships / networks / collaboration

Opportunities / sharing resources:

- Safety First Fund, Summit County
- Summit County compost facility and expertise as a hub
- Vail share PAYT model with other cities

Ideas near / long term:

- Contamination / participation education (especially for new and temporary residents)
- Consistency of regulation
- Compost grant to add drop-offs for hub and spoke model
- Bottle Bill
- Political will to enforce ordinances
- Share / Regionalize MRF
- Waste-to-Energy?
- Glass in Single Stream (some said take out, some said leave in)

Assistance needed:

- \$\$\$ Grants / Subsidies

- State level ordinances / legislation (Bottle Bill)
- Regional leadership
- \$\$\$ RREO

Funding ideas:

- Volume based tax
- Grants / true fees cost
- Tax plastics (Bottle Bill)
- Diversion Fund
- Tire recycling
- RREO and state funding

Not needed:

- Mandated fees

Roles / who's needed:

- Need more collaboration
- Haulers to improve facilities
- Customers for composting